

NXP Semiconductors / Freescale



MK22FN256CAH12R

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MK22FN256CAH12R                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 256KB FLASH 64WLCSP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 17344 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

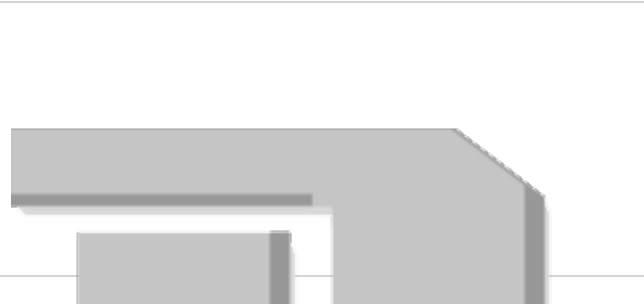
Specifications of MK22FN256CAH12R

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MK22FN256CAH12R                                                                                          |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                           |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 64WLCSP                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 17344 pcs                                                                                                |
| DATA SHEET                       |                                                                                                          |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 64-WLCSP (3.35x3.32)                                                                                     |
| SPEED                            | 120MHz                                                                                                   |
| SERIES                           | Kinetis K20                                                                                              |
| RAM SIZE                         | 48K x 8                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                    |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                         |
| PERIPHERALS                      | DMA, I <sup>2</sup> S, LVD, POR, PWM, WDT                                                                |
| PACKAGING                        | Tape & Reel (TR)                                                                                         |
| PACKAGE / CASE                   | 64-UFBGA, WLCSP                                                                                          |
| OTHER NAMES                      | 935315603098                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                        |
| NUMBER OF I/O                    | 40                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| EEPROM SIZE                      | -                                                                                                        |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 120MHz 256KB (256K x 8) FLASH 64-WLCSP (3.35x3.32) |
| DATA CONVERTERS                  | A/D 22x16b, D/A 1x12b                                                                                    |
| CORE SIZE                        | 32-Bit                                                                                                   |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                          |
| CONNECTIVITY                     | I <sup>2</sup> C, IrDA, SPI, UART/USART, USB, USB OTG                                                    |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MK22FN256CAH12R               | MK22FN256CAH12R Distributor        | MK22FN256CAH12R Supplier  |
| MK22FN256CAH12R Price         | MK22FN256CAH12R Pictures           | MK22FN256CAH12R Image     |
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| MK22FN256CAH12R               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                                                        |                                                                                      |                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <div><b>MK22FN256VMP12</b></div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 256KB FLASH 64BGA</div> <div>In stock: 10758 pcs</div> <div>RFQ</div>    |  | <div><b>MK22FN1M0VLQ12R</b></div> <div>Manufacturers: NXP</div> <div>Description: KINETIS K 32-BIT MCU ARM CORTEX</div> <div>In stock: 11131 pcs</div> <div>RFQ</div>                             |
|  | <div><b>MK22FN256VLL12</b></div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 256KB FLASH 100LQFP</div> <div>In stock: 12159 pcs</div> <div>RFQ</div>  |  | <div><b>MK22FN256VLL12R</b></div> <div>Manufacturers: NXP</div> <div>Description: KINETIS K 32-BIT MCU ARM CORTEX</div> <div>In stock: 20495 pcs</div> <div>RFQ</div>                             |
|  | <div><b>MK22FN1M0VMD12</b></div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 1MB FLASH 144MAPBGA</div> <div>In stock: 8539 pcs</div> <div>RFQ</div>   |  | <div><b>MK22FN256VDC12</b></div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 256KB FLASH 121BGA</div> <div>In stock: 9205 pcs</div> <div>RFQ</div>                               |
|  | <div><b>MK22FN1M0VLQ12</b></div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 1MB FLASH 144LQFP</div> <div>In stock: 8407 pcs</div> <div>RFQ</div>     |  | <div><b>MK22FN1M0VLL12</b></div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 1MB FLASH 100LQFP</div> <div>In stock: 7883 pcs</div> <div>RFQ</div>                                |
|  | <div><b>MK22FN1M0VMC12</b></div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 1MB FLASH 121MAPBGA</div> <div>In stock: 9262 pcs</div> <div>RFQ</div>   |  | <div><b>MK22FN256VLH12</b></div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 256KB FLASH 64LQFP</div> <div>In stock: 12407 pcs</div> <div>RFQ</div>                              |
|  | <div><b>MK22FN256CAP12R</b></div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 512KB FLASH 80WLCSP</div> <div>In stock: 18411 pcs</div> <div>RFQ</div> |  | <div><b>MK22FN1M0VMC12R</b></div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: IC MCU 32BIT 1MB FLASH 121MAPBGA</div> <div>In stock: 11666 pcs</div> <div>RFQ</div> |

